## ROVED O.G. FIG. BY CLASS SUBCLASS FTSMAN

## FIG. la

CAA ATC G Gln Ile V	TC ACC GAC al Thr Asp 5	AAT TCC Asn Ser	ATT GGC Ile Gly	AAC CAC Asn His 10	GAT Asp	GGC Gly	TAT Tyr	GAT Asp 15	TAT
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GAA TTT TGG AAA GAT AGC GGT GGC TCT GGG ACA ATG ATT CTC AAT CAT Glu Phe Trp Lys Asp Ser Gly Gly Ser Gly Thr Met Ile Leu Asn His 20 25 30

GGC GGT ACG TTC AGT GCC CAA TGG AAC AAT GTT AAC AAC ATA TTA TTC Gly Gly Thr Phe Ser Ala Gln Trp Asn Asn Val Asn Asn Ile Leu Phe 35

CGT AAA GGT AAA AAA TTC AAT GAA ACA CAA ACA CAC CAA CAA GTT GGT Arg Lys Gly Lys Lys Phe Asn Glu Thr Gln Thr His Gln Gln Val Gly 50 55 60

AAC ATG TCC ATA AAC TAC GGA GCC AAC TTC CAA CCA AAT GGT AAT GCG Asn Met Ser Ile Asn Tyr Gly Ala Asn Phe Gln Pro Asn Gly Asn Ala 65 70 75 80

TAT TTA TGC GTC TAT GGT TGG ACT GTT GAC CCT CTT GTC GAA TAT TAT Tyr Leu Cys Val Tyr Gly Trp Thr Val Asp Pro Leu Val Glu Tyr Tyr 85 90 95

ATT GTC GAC AGT TGG GGC AAC TGG CGT CCA CCA GGA GCA ACG CCT AAG

Ile Val Asp Ser Trp Gly Asn Trp Arg Pro Pro Gly Ala Thr Pro Lys

100 105 110

GGG ACC ATC ACT GTT GAT GGA GGA ACA TAT GAT ATC TAC GAG ACT CTT Gly Thr Ile Thr Val Asp Gly Gly Thr Tyr Asp Ile Tyr Glu Thr Leu 115

AGA GTC AAT CAA CCC TCC ATT AAG GGG ATT GCC ACA TTT AAA CAA TAT Arg Val Asn Gln Pro Ser Ile Lys Gly Ile Ala Thr Phe Lys Gln Tyr 130

TGG AGT GTT CGA AGA TCG AAA CGC ACG AGT GGC ACG ATT TCT GTC AGC Trp Ser Val Arg Arg Ser Lys Arg Thr Ser Gly Thr Ile Ser Val Ser 145 150 155

# APPROVED O.G. FIG. BY CLASS SUBCLASS DRAFTSMAN

### FIG. 1b

AAC CAC TTT AGA GCG TGG GAA AAC TTA GGG ATG AAT ATG GGG AAA ATG ASN His Phe Arg Ala Trp Glu Asn Leu Gly Met Asn Met Gly Lys Met 165

TAT GAA GTC GCG CTT ACT GTA GAA GGC TAT CAA AGT AGC GGA AGT GCT Tyr Glu Val Ala Leu Thr Val Glu Gly Tyr Gln Ser Ser Gly Ser Ala 180 185 190

AAT GTA TAT AGC AAT ACA CTA AGA ATT AAC GGT AAC CCT CTC TCA ACT Asn Val Tyr Ser Asn Thr Leu Arg Ile Asn Gly Asn Pro Leu Ser Thr 195 200

ATT AGT AAT GAC GAG AGC ATA ACT TTG GAT AAA AAC AAT Ile Ser Asn Asp Glu Ser Ile Thr Leu Asp Lys Asn Asn 210 215 220

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O.G. FIG.	CLASS	
-IG.	SUBCLASS	

### FIG. 2a

AAACCAATAC TTCTTTATTT AACGCTAACC ACTGCAATC TTATACAAAA AAAATTTATCT

ATAGGAACTT TCCCATTTGC AAGACGATAA AAAATCTTTT TCCCCTATTT TATCTTATCG

CCTTGATCGG TTTAATTTGT AAACTTTATT TTAGTTTACG TGATGTTCCC TCATTCATAC

CATTAATCAC AGTTAACGCT AGAGTCATCT TTTTTCGGTT CTCAAAAAATA CCTGAAGAAC

ATTTATGTCA TATTTCTCA CGCCGCTCCA TAATGGAATA TATATACTCT TTTATACATA

TTAAGTAAAT TAGTATATAC TTGCGTTATC AAAATGTGAG ATAATCTAAT TGATCAAACA

AGCAGCTATC CAAAAAACAC TGATGTTGAC CTCTTAAAGA AGTGTCACTA TCTATGAAAA

GATAATTATC CAGTTTCAAA ATTTGAAATA GTGTGTATGG AATAGTTTGA ATGTCAACTG

CTGTGAAAGG AGGGTAGGTA GTACCGTAGA CTTCATTACC AAAAATTAGT TGTAAAAAAAA

TTAAAAGGAG GAATGCCTA ATG AGA CAA AAG AAA TTG ACG TTG ATT TTA GCC

Met Arg Gln Lys Lys Leu Thr Leu Ile Leu Ala

-25

TTT TTA GTT TGT TTT GCA CTA ACC TTA CCT GCA GAA ATA ATT CAG GCA

Phe Leu Val Cys Phe Ala Leu Thr Leu Pro Ala Glu Ile Ile Gln Ala

-15 -5

CAA ATC GTC ACC GAC AAT TCC ATT GGC AAC CAC GAT GGC TAT GAT TAT Gln Ile Val Thr Asp Asn Ser Ile Gly Asn His Asp Gly Tyr Asp Tyr 1 5 10 15

GAA TTT TGG AAA GAT AGC GGT GGC TCT GGG ACA ATG ATT CTC AAT CAT Glu Phe Trp Lys Asp Ser Gly Gly Ser Gly Thr Met Ile Leu Asn His 20 25 30

GGC GGT ACG TTC AGT GCC CAA TGG AAC AAT GTT AAC AAC ATA TTA TTC Gly Gly Thr Phe Ser Ala Gln Trp Asn Asn Val Asn Asn Ile Leu Phe 35

CGT AAA GGT AAA AAA TTC AAT GAA ACA CAA ACA CAC CAA CAA GTT GGT Arg Lys Gly Lys Lys Phe Asn Glu Thr Gln Thr His Gln Gln Val Gly 50 55 60

AAC ATG TCC ATA AAC TAC GGA GCC AAC TTC CAA CCA AAT GGT AAT GCG Asn Met Ser Ile Asn Tyr Gly Ala Asn Phe Gln Pro Asn Gly Asn Ala 65 70 75 80

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### FIG. 2b

TAT TTA TGC GTC TAT GGT TGG ACT GTT GAC CCT CTT GTC GAA TAT TAT.

Tyr Leu Cys Val Tyr Gly Trp Thr Val Asp Pro Leu Val Glu Tyr Tyr

85 90 95

ATT GTC GAC AGT TGG GGC AAC TGG CGT CCA CCA GGA GCA ACG CCT AAG Ile Val Asp Ser Trp Gly Asn Trp Arg Pro Pro Gly Ala Thr Pro Lys 100 105 110

GGG ACC ATC ACT GTT GAT GGA GGA ACA TAT GAT ATC TAC GAG ACT CTT Gly Thr Ile Thr Val Asp Gly Gly Thr Tyr Asp Ile Tyr Glu Thr Leu 115

AGA GTC AAT CAA CCC TCC ATT AAG GGG ATT GCC ACA TTT AAA CAA TAT Arg Val Asn Gln Pro Ser Ile Lys Gly Ile Ala Thr Phe Lys Gln Tyr 130

TGG AGT GTT CGA AGA TCG AAA CGC ACG AGT GGC ACG ATT TCT GTC AGC Trp Ser Val Arg Ser Lys Arg Thr Ser Gly Thr Ile Ser Val Ser 145 150 155

AAC CAC TTT AGA GCG TGG GAA AAC TTA GGG ATG AAT ATG GGG AAA ATG ASN His Phe Arg Ala Trp Glu Asn Leu Gly Met Asn Met Gly Lys Met 165

TAT GAA GTC GCG CTT ACT GTA GAA GGC TAT CAA AGT AGC GGA AGT GCT Tyr Glu Val Ala Leu Thr Val Glu Gly Tyr Gln Ser Ser Gly Ser Ala 180 185 190

AAT GTA TAT AGC AAT ACA CTA AGA ATT AAC GGT AAC CCT CTC TCA ACT Asn Val Tyr Ser Asn Thr Leu Arg Ile Asn Gly Asn Pro Leu Ser Thr 195 200

ATT AGT AAT GAC GAG AGC ATA ACT TTG GAT AAA AAC AAT TAAAAATCCT Ile Ser Asn Asp Glu Ser Ile Thr Leu Asp Lys Asn Asn 210 215 220

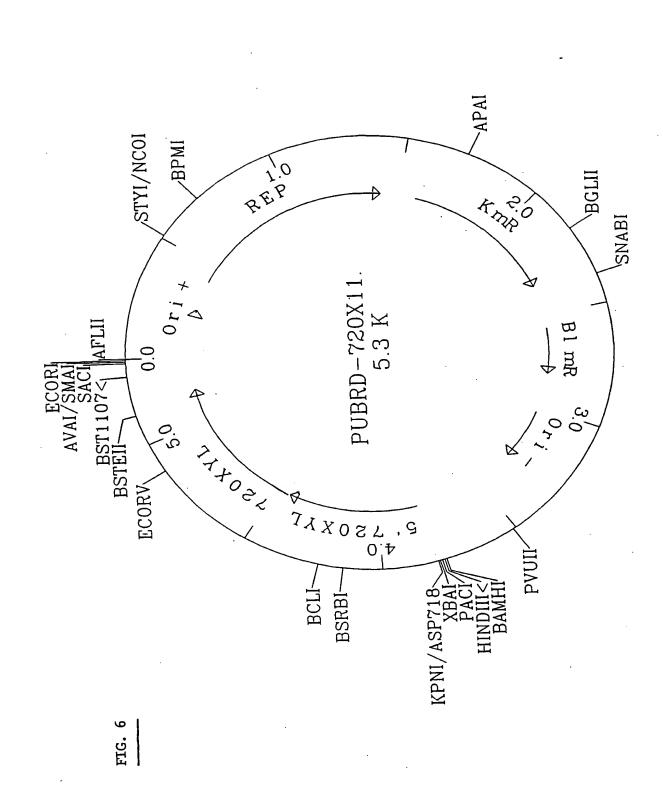
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CGGGAGGTTT TATTGGAAAG GTTAAGTATA GTATACTCCG ATTCCATCCA GAGGAATGCT
TGAAACACCT CCGTCACTAG

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APPROVED O.G. FIG.



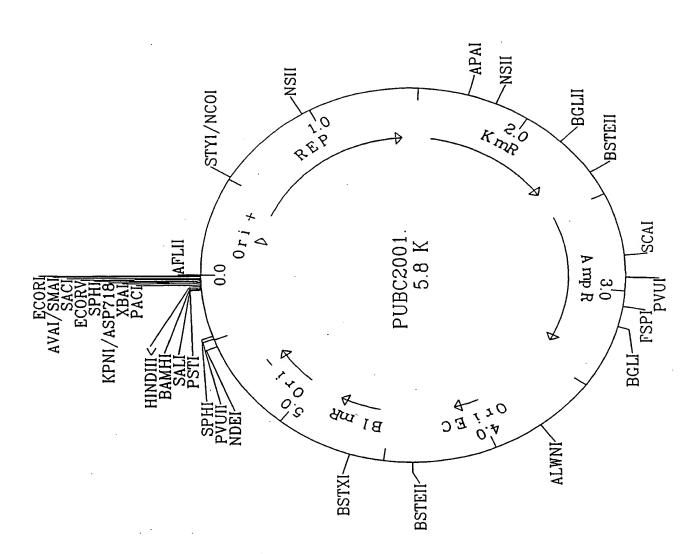


FIG. 7

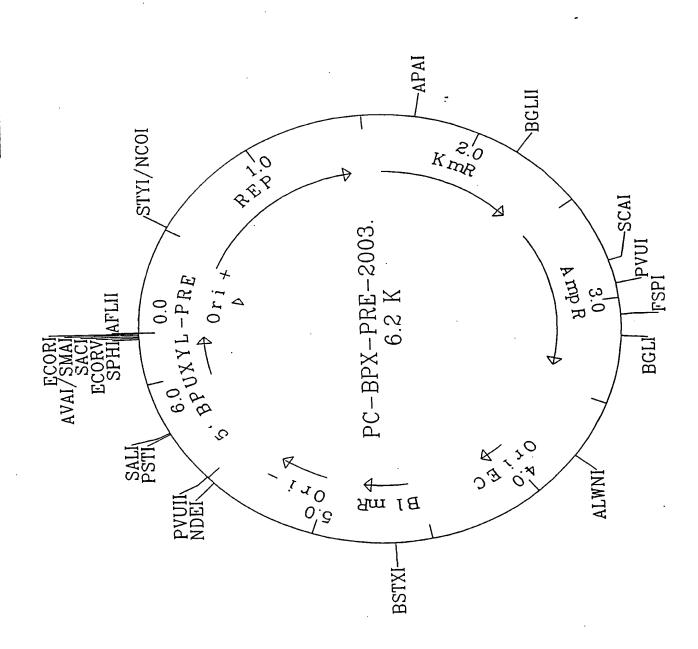


FIG. 8

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APPROVED O.G. FIG. CLASS

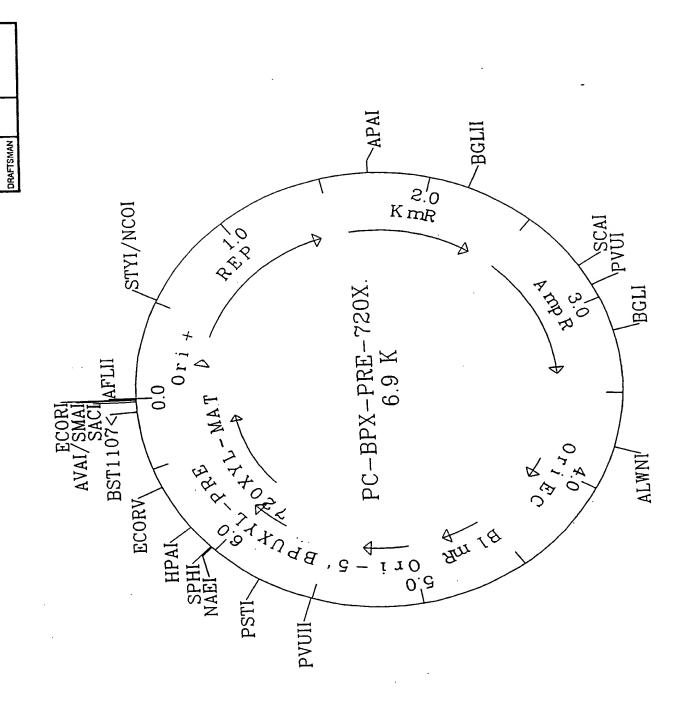


FIG. 9

APPROVED O.G. FIG.
BY CLASS SUBCLASS

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FIG. 10

APPROVED O.G. FIG.
BY CLASS SU

DRAFTSMAN

FIG. 11

TCATGTAACT CGCCTTGATC TATTTCATTT GTATCAAAGG ATTTATACAC AAACAAGAGA CATCCATGCC GGGTTAAAGC AGTATCGTTC CATCTAACAG AGAAGGNCTG CATGAAAGGA GGTGATGGGT TTTTCATCTT AGGGATGACA GAACAATACG GATGAAAAAA GCAGAGGGAT GGAAA

2: İ:

ATG AAT TTG AAA AGA TTG AGG CTG TTG TTT GTG ATG TGT ATT GGA TTT Met Asn Leu Lys Arg Leu Arg Leu Leu Phe Val Met Cys Ile Gly Phe 1 5 10 15

GTG CTG ACA CTG ACG GCT GTG CCG GCT CAT GCG Val Leu Thr Leu Thr Ala Val Pro Ala His Ala 20 25